



#9/Amend B
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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of

Docket No: Q63956

Toshiaki KUNIYASU, et al.

Appln. No.: 09/826,851

Group Art Unit: 2828

Confirmation No.: 3185

Examiner: James Menefee

Filed: April 06, 2001

For: SEMICONDUCTOR LASER ELEMENT AND SEMICONDUCTOR LASER

AMENDMENT UNDER 37 C.F.R. § 1.111

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated November 6, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel claims 8-17 without prejudice or disclaimer.

The claims are amended as follows:

1. (Amended) A semiconductor laser element comprising
- a substrate,
- a plurality of semiconductor layers formed on the substrate, and
- a concave portion formed on one surface of the substrate, said one surface being opposite
- to the other surface having the semiconductor layers formed thereon, wherein
- the concave portion is filled with a metal having a heat conductivity higher than the
- substrate, and wherein

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